

AMENDMENT TO THE CLAIMS

The following claim listing replaces all prior listings and versions of the claims:

LISTING OF CLAIMS

1. (Currently Amended) A solid electrolyte represented by a general formula:



where M is at least one element selected from the group consisting of [[Si,]] B, Ge, Al, C, Ga and S, and a, b, c, d and e respectively satisfy $a = 0.62$ to 4.98 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 1.070$ to 3.985 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

2. (Original) The solid electrolyte in accordance with claim 1, wherein said formula satisfies $a = 0.62$ to 2.98 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 1.070$ to 3.965 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

3. (Original) The solid electrolyte in accordance with claim 1, wherein said formula satisfies $a = 1.61$ to 2.99 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 2.060$ to 3.975 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

4. (Original) The solid electrolyte in accordance with claim 1, wherein said formula satisfies $a = 1.61$ to 2.99 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 3.050$ to 3.985 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

5. (Original) The solid electrolyte in accordance with claim 1, wherein said formula satisfies $a = 2.6$ to 3.0 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 2.60$ to 3.975 , $e = 0.01$ to 0.50 , and

$$b+c = 1.0.$$

6. (Original) The solid electrolyte in accordance with claim 1, wherein said formula satisfies $a = 2.61$ to 3.99 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 3.050$ to 3.985 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

7. (Original) The solid electrolyte in accordance with claim 1, wherein said formula satisfies $a = 2.62$ to 4.98 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 3.050$ to 3.985 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

8. (Original) An all solid state battery comprising:
 a positive electrode;
 a negative electrode; and
 the solid electrolyte in accordance with claim 1 disposed between said positive electrode and said negative electrode.

9. (New) A solid electrolyte represented by a general formula:



where M is Si and at least one element selected from the group consisting of B, Ge, Al, C, Ga and S, and a, b, c, d and e respectively satisfy $a = 0.62$ to 4.98 , $b = 0.01$ to 0.99 , $c = 0.01$ to 0.99 , $d = 1.070$ to 3.985 , $e = 0.01$ to 0.50 , and $b+c = 1.0$.

10. (New) A solid electrolyte represented by a general formula:



where M is Si and a, b, c, d and e respectively satisfy $a = 3.0$ to 3.7 , $b = 0.1$ to 0.8 , $c = 0.2$ to 0.9 , $d = 3.15$ to 3.75 , $e = 0.1$ to 0.5 , and $b+c = 1.0$.

11. (New) An all solid state battery comprising:

a positive electrode;

a negative electrode; and

the solid electrolyte in accordance with claim 9 disposed between said positive electrode and said negative electrode.

12. (New) An all solid state battery comprising:

a positive electrode;

a negative electrode; and

the solid electrolyte in accordance with claim 10 disposed between said positive electrode and said negative electrode.